



SEQUENCE LISTING

<110> WHITE, David

<120> COMPOSITIONS, KITS, AND METHODS FOR PROGNOSTICATION,
DIAGNOSIS, PREVENTION, AND TREATMENT OF BONE-RELATED
DISORDERS AND OTHER DISORDERS

<130> 210147.0039/16U1

<140> Not Yet Assigned

<141> 2000-07-28

<150> US 60/146,614

<151> 1999-07-30

<160> 9

<170> PatentIn Ver. 2.1

<210> 1

<211> 613

<212> PRT

<213> Homo sapiens

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Val Ile Leu Ala Val Thr Lys Asn Lys Lys Leu Arg Asn Ser Gly Asn
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Pro Tyr Pro Leu Met Leu His Ala Met Ser Ile Gly Gly Trp Asp Leu
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Ser Gln Leu Gln Cys Gln Met Val Gly Phe Ile Thr Gly Leu Ser Val
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Val Gly Ser Ile Phe Asn Ile Val Ala Ile Ala Ile Asn Arg Tyr Cys

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 Gly Leu Ile Ser Asp Ile Arg Glu Met Gln Glu Ala Arg Thr Leu Ala
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 Pro Leu Pro Gly Asp Ala Ala Ala Gly His Pro Asp Arg Ala Ser Gly

370

375

380

His Pro Lys Pro His Ser Arg Ser Ser Ser Ala Tyr Arg Lys Ser Ala
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Ser Thr His His Lys Ser Val Phe Ser His Ser Lys Ala Ala Ser Gly
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His Leu Lys Pro Val Ser Gly His Ser Lys Pro Ala Ser Gly His Pro
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Lys Ser Ala Thr Val Tyr Pro Lys Pro Ala Ser Val His Phe Lys Gly
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Asp Ser Val His Phe Lys Gly Asp Ser Val His Phe Lys Pro Asp Ser
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Val His Phe Lys Pro Ala Ser Ser Asn Pro Lys Pro Ile Thr Gly His
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His Val Ser Ala Gly Ser His Ser Lys Ser Ala Phe Ser Ala Ala Thr
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Ser His Pro Lys Pro Ile Lys Pro Ala Thr Ser His Ala Glu Pro Thr
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Thr Ala Asp Tyr Pro Lys Pro Ala Thr Thr Ser His Pro Lys Pro Ala
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Ala Ala Asp Asn Pro Glu Leu Ser Ala Ser His Cys Pro Glu Ile Pro
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Ala Ile Ala His Pro Val Ser Asp Asp Ser Asp Leu Pro Glu Ser Ala
545 550 555 560

Ser Ser Pro Ala Ala Gly Pro Thr Lys Pro Ala Ala Ser Gln Leu Glu
565 570 575

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 <213> Mus sp.

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 35 40 45
 Val Asp Leu Ile Gly Asn Ser Met Val Ile Leu Ala Val Thr Lys Asn
 50 55 60
 Lys Lys Leu Arg Asn Ser Gly Asn Ile Phe Val Ala Ser Leu Ser Val
 65 70 75 80
 Ala Asp Met Leu Val Ala Ile Tyr Pro Tyr Pro Leu Met Leu Tyr Ala
 85 90 95
 Met Ser Val Gly Gly Trp Asp Leu Ser Gln Leu Gln Cys Gln Met Val
 100 105 110
 Gly Leu Val Thr Gly Leu Ser Val Val Gly Ser Ile Phe Asn Ile Thr
 115 120 125
 Ala Ile Ala Ile Asn Arg Tyr Cys Tyr Ile Cys His Ser Leu Gln Tyr
 130 135 140
 Lys Arg Ile Phe Ser Leu Arg Asn Thr Cys Ile Tyr Leu Val Val Thr
 145 150 155 160
 Trp Val Met Thr Val Leu Ala Val Leu Pro Asn Met Tyr Ile Gly Thr
 165 170 175
 Ile Glu Tyr Asp Pro Arg Thr Tyr Thr Cys Ile Phe Asn Tyr Val Asn
 180 185 190
 Asn Pro Ala Phe Thr Val Thr Ile Val Cys Ile His Phe Val Leu Pro
 195 200 205
 Leu Ile Ile Val Gly Tyr Cys Tyr Thr Lys Ile Trp Ile Lys Val Leu
 210 215 220
 Ala Ala Arg Asp Pro Ala Gly Gln Asn Pro Asp Asn Gln Phe Ala Glu
 225 230 235 240
 Val Arg Asn Phe Leu Thr Met Phe Val Ile Phe Leu Leu Phe Ala Val
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 Cys Trp Cys Pro Val Asn Val Leu Thr Val Leu Val Ala Val Ile Pro

260 265 270
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 340 345 350
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 355 360 365
 Thr Pro Arg Asn Val Arg Asn Val Leu Leu Pro Gly Asp Ala Ser Ala
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 385 390 395 400
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 Gly His Pro Lys Ser Ala Ser Val Tyr Pro Lys Pro Ala Ser Ser Val
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 His Cys Lys Pro Ala Ser Val His Phe Lys Pro Ala Ser Val His Phe
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 Lys Gly Asp Ser Val Tyr Phe Lys Gly Asp Thr Val His Tyr Arg Ala
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 Ala Ser Lys Leu Val Thr Ser His Arg Ile Ser Ala Gly Pro Ser Thr
 465 470 475 480
 Ser His Pro Thr Ser Met Ala Gly Tyr Ile Lys Ser Gly Thr Ser His
 485 490 495
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 500 505 510
 Ser Val Leu Thr Ala Val Asp Leu Pro Glu Val Ser Ala Ser His Cys

515

520

525

Leu Glu Met Thr Ser Thr Gly His Leu Arg Ala Asp Ile Ser Ala Ser
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Val Leu Pro Ser Val Pro Phe Glu Leu Ala Ala Thr Pro Pro Asp Thr
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 65 70 75 80
 Cys Tyr Thr Lys Ile Trp Ile Lys Val Leu Ala Asp Arg Asp Pro Ala
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Sub B1